



HYDROFIRE ΕΠΕ

Buildings - Industry - Marine – Waterworks

END OF AG. PANTELEIMONOS Str. (ELEONAS)

GR-12241 EGALEO,

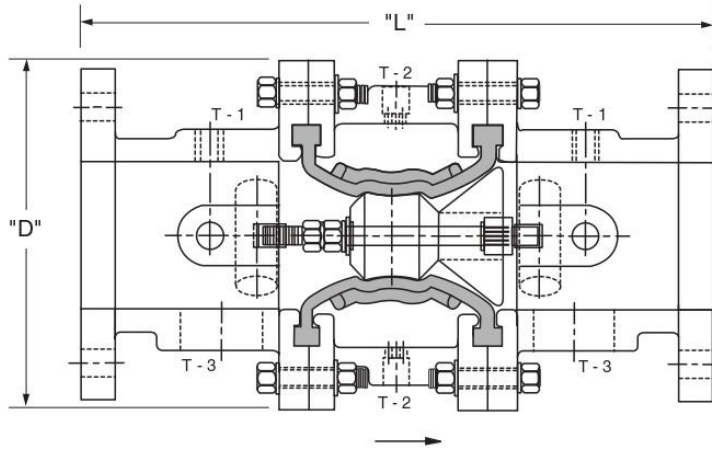
Tel.: +30 210 3412 749-750 Fax: +30 210 3412 406

www.hydrofire.gr, email: info@hydrofire.gr



Dimensions

Model 800GS



| Valve Size (Inches) | 4 | 6 | 8 | 10 |
|---------------------|-------|-------|-------|-------|
| L | 17.25 | 18.25 | 20.00 | 22.00 |
| D | 9.5 | 11.75 | 14.00 | 16.00 |
| T-1/T-2 (NPT) | 1/2 | 1/2 | 1/2 | 1/2 |
| T-3 (NPT) | 2 | 2 | 2 | 2 |
| Approx. Wt. (Lbs.) | 151 | 196 | 285 | 330 |

| Valve Size (mm) | 100 | 150 | 200 | 250 |
|-------------------|-----|-----|-----|-----|
| L | 438 | 464 | 508 | 559 |
| D | 241 | 299 | 356 | 406 |
| T-1/T-2 (NPT) | 1/2 | 1/2 | 1/2 | 1/2 |
| T-3 (NPT) | 2 | 2 | 2 | 2 |
| Approx. Wt. (kgs) | 68 | 89 | 129 | 150 |

4", 6", 8" and 10" Factory Mutual Components

| FLOW FACTORS | | |
|--------------|----------|------|
| SIZE (IN) | CV (gpm) | KV |
| 4" | 340 | 77.3 |
| 6" | 885 | 201 |
| 8" | 1667 | 379 |
| *10" | 2424 | 550 |

*Calculated

MAIN VALVE

| | |
|-----------------|-----------------------------------|
| Ends: | Flanged ANSI B16.5 (150lb Class) |
| Body: | Cast Steel (ASTM A216 WCB) |
| Tube Diaphragm: | Nitrile Rubber |
| Barrier: | Urethane |
| Bolts: | 316 SS |
| Pressure: | 250 psig (17.24 BAR) |
| Temp. Range: | 32° F to 180° F (0° C to 82.2° C) |

MAIN VALVE OPTIONS

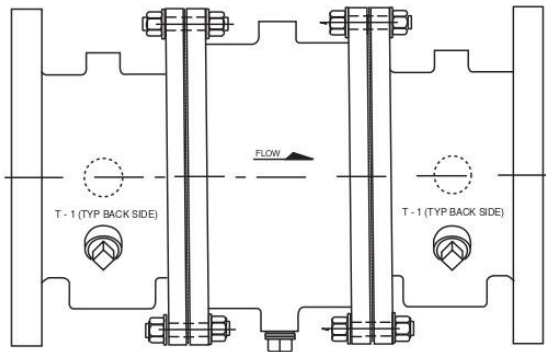
| | |
|-------|--|
| Body: | Nickel Aluminum Bronze (ASTM B148) or Super Duplex SS (ASTM A890 GR5A) |
|-------|--|

PILOT VALVE

| | |
|-----------------------|--|
| All Parts: | 316 SS |
| O-Rings: | Nitrile Rubber |
| Control Range: | 20 to 250 PSIG |
| Pilot Pressure Range: | 20 to 250 PSIG |
| Operation: | Latches in operated position; manual reset |

PILOT VALVE OPTIONS

| | |
|------------|-------------------|
| All Parts: | Monel (Alloy 400) |
| Operation: | Non-latching |



When Ordering Please Specify:

- Catalog No. 800GS
- Valve Size
- Fluid Being Handled
- Fluid Temperature Range
- Inlet Pressure Range
- Outlet Pressure Range
- Maximum Differential Pressure
- Minimum Differential Pressure
- Maximum Flow Rate

Cla-Val 800 Series Control Valves operate with maximum efficiency when mounted in horizontal or vertical piping. We recommend isolation valves be installed on inlet and outlet for maintenance. Adequate space above and around the valve for service personnel should be considered essential. A regular maintenance program should be established based on the specific application data. However, we recommend a thorough inspection be done at least once a year. Consult factory for specific recommendations.



E-800GS (R-03/2021)